

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-86 (canceled)

87. (New) A composition for coating keratin fibers, comprising
a cosmetically acceptable organic liquid medium and
at least one film-forming linear ethylenic block polymer,
wherein said composition has a dry matter or dry extract content of greater than
or equal to 45% by weight.

88. (New) The composition according to Claim 87, wherein said at least one
linear ethylenic block polymer is free of styrene.

89. (New) The composition according to Claim 87, wherein said at least one
linear ethylenic block polymer is non-elastomeric.

90. (New) The composition of claim 87, wherein said at least one linear ethylenic
block polymer comprises at least one first block and at least one second block having
different glass transition temperatures (T_g), and said first and second blocks are linked
together via an intermediate block comprising at least one constituent monomer of the
first block and at least one constituent monomer of the second block.

91. (New) The composition of claim 90, wherein the at least one first block and the at least one second block of the linear ethylenic block polymer are mutually incompatible.

92. (New) The composition of claim 91, wherein the first block of the linear ethylenic block polymer is chosen from:

- a) a block having a Tg of greater than or equal to 40°C;
- b) a block having a Tg of less than or equal to 20°C; and
- c) a block having a Tg between 20 and 40°C; and

the second block is chosen from a), b) and c) above, with the proviso that the second block is different from the first block.

93. (New) The composition of claim 92, wherein said block having a Tg of greater than or equal to 40°C is totally or partially derived from at least one monomer having a corresponding homopolymer with a Tg of greater than or equal to 40°C.

94. (New) The composition of claim 93, wherein said at least one monomer is chosen from:

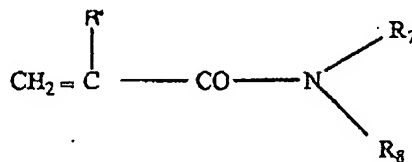
- methacrylates of formula $\text{CH}_2 = \text{C}(\text{CH}_3)\text{-COOR}_1$

in which R₁ is a linear or branched, unsubstituted alkyl group containing from 1 to 4 carbon atoms, or R₁ is a C₄ to C₁₂ cycloalkyl group;

- acrylates of formula $\text{CH}_2 = \text{CH-COOR}_2$

in which R₂ is chosen from C₄ to C₁₂ cycloalkyl groups;

- (meth)acrylamides of the formula:



in which R₇ and R₈, which may be identical or different, are independently chosen from a hydrogen atom and C₁-C₁₂ linear or branched alkyl groups; or alternatively R₇ is a hydrogen atom and R₈ is a 1,1-dimethyl-3-oxobutyl group, and R' is chosen from hydrogen and methyl; and

- mixtures thereof.

95. (New) The composition of claim 93, wherein said at least one monomer having a corresponding homopolymer with a T_g of greater than or equal to 40°C is chosen from methyl methacrylate, isobutyl methacrylate, isobornyl (meth)acrylate, and mixtures thereof.

96. (New) The composition of claim 92, wherein said block having a T_g of less than or equal to 20°C is totally or partially derived from at least one monomer having a corresponding homopolymer with a T_g of less than or equal to 20°C.

97. (New) The composition of claim 96, wherein said at least one monomer having a corresponding homopolymer with a T_g of less than or equal to 20°C is chosen from the following monomers:

- acrylates of formula CH₂ = CHCOOR₃,

wherein R_3 is a linear or branched C_1 to C_{12} unsubstituted alkyl group, with the exception of the tert-butyl group, in which at least one hetero atom chosen from O, N and S is optionally intercalated;

- methacrylates of formula $CH_2 = C(CH_3)-COOR_4$,

wherein R_4 is a linear or branched C_6 to C_{12} unsubstituted alkyl group, in which at least one hetero atom chosen from O, N and S is optionally intercalated;

- vinyl esters of formula $R_5-CO-O-CH = CH_2$

wherein R_5 is a linear or branched C_4 to C_{12} alkyl group;

- vinyl alcohol;
- C_4 to C_{12} alcohol ethers;
- $N-(C_4 \text{ to } C_{12})$ alkyl acrylamides; and
- mixtures thereof.

98. (New) The composition of claim 96, wherein said at least one monomer having a corresponding homopolymer with a T_g of less than or equal to 20°C is chosen from alkyl acrylates having an alkyl chain that contains from 1 to 10 carbon atoms, with the exception of the tert-butyl group.

99. (New) The composition of claim 92, wherein said block having a T_g between 20 and 40°C is totally or partially derived from at least one monomer having a corresponding homopolymer with a T_g of between 20 and 40°C .

100. (New) The composition of claim 92, wherein said block having a T_g between

20 and 40°C is totally or partially derived from at least one monomer having a corresponding homopolymer with a Tg of at least 40°C and from at least one monomer having a corresponding homopolymer with a Tg of less than or equal to 20°C.

101. (New) The composition of claim 99, wherein said block having a Tg between 20 and 40°C is totally or partially derived from at least one monomer chosen from methyl methacrylate, isobornyl acrylate, isobornyl methacrylate, trifluoroethyl methacrylate, butyl acrylate, 2-ethylhexyl acrylate, and mixtures thereof.

102. (New) The composition of claim 90, wherein said at least one linear ethylenic block polymer comprises at least one first block and at least one second block, the first block having a glass transition temperature (Tg) of greater than or equal to 40°C and the second block having a glass transition temperature (Tg) of less than or equal to 20°C, said first and second blocks being linked together via an intermediate block comprising at least one constituent monomer of the first block and at least one constituent monomer of the second block.

103. (New) The composition of claim 102, wherein said first block is totally or partially derived from at least one monomer having a corresponding homopolymer with a glass transition temperature of greater than or equal to 40°C.

104. (New) The composition of claim 102, wherein said at least one first block is a copolymer derived from at least one monomer having a corresponding homopolymer

with a glass transition temperature of greater than or equal to 40°C.

105. (New) The composition of claim 103, wherein said at least one monomer having a corresponding homopolymer with a glass transition temperature of greater than or equal to 40°C is chosen from the following monomers:

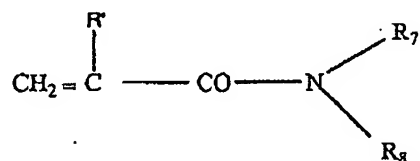
- methacrylates of formula $\text{CH}_2 = \text{C}(\text{CH}_3)\text{-COOR}_1$

in which R_1 is a linear or branched unsubstituted alkyl group containing from 1 to 4 carbon atoms, or is a C_4 to C_{12} cycloalkyl group;

- acrylates of formula $\text{CH}_2 = \text{CH-COOR}_2$

in which R_2 is a C_4 to C_{12} cycloalkyl group;

- (meth)acrylamides of formula:



in which R_7 and R_8 may be identical or different, and are independently chosen from a hydrogen atom and linear or branched C_1 - C_{12} alkyl groups; or R_7 is hydrogen and R_8 is a 1,1-dimethyl-3-oxobutyl group; and R' is chosen from hydrogen and methyl; and mixtures thereof.

106. (New) The composition of claim 103, wherein said at least one monomer having a corresponding homopolymer that has a glass transition temperature of greater than or equal to 40°C is chosen from methyl methacrylate, isobutyl methacrylate, isobornyl (meth)acrylate, and mixtures thereof.

107. (New) The composition of claim 102, wherein said first block having a T_g of greater than or equal to 40°C is present in an amount ranging from 20% to 90% by weight, relative to the total weight of the linear ethylenic block polymer.

108. (New) The composition of claim 107, wherein said first block having a T_g of greater than or equal to 40°C is present in an amount ranging from 50 to 70% by weight, relative to the total weight of the linear ethylenic block polymer.

109. (New) The composition of claim 102, wherein said second block having a glass transition temperature (T_g) of less than or equal to 20°C is totally or partially derived from at least one monomer having a corresponding homopolymer with a glass transition temperature of less than or equal to 20°C.

110. (New) The composition of claim 102, wherein the second block having a glass transition temperature (T_g) of less than or equal to 20°C is a homopolymer derived from at least one monomer having a corresponding homopolymer with a glass transition temperature of less than or equal to 20°C.

111. (New) The composition of claim 109, wherein said at least one monomer having a corresponding homopolymer having a glass transition temperature of less than or equal to 20°C is chosen from the following monomers:

- acrylates of formula $\text{CH}_2 = \text{CHCOOR}_3$,

in which R_3 is a linear or branched C_1 to C_{12} unsubstituted alkyl group, with the exception of the tert-butyl group, in which at least one hetero atom chosen from O, N and S is optionally intercalated;

- methacrylates of formula $CH_2 = C(CH_3)-COOR_4$,

in which R_4 is a linear or branched C_6 to C_{12} unsubstituted alkyl group, in which at least one hetero atom chosen from O, N and S is optionally intercalated;

- vinyl esters of formula $R_5-CO-O-CH = CH_2$

in which R_5 is a linear or branched C_4 to C_{12} alkyl group;

- vinyl alcohol;

- C_4 to C_{12} alcohol ethers;

- $N-(C_4 \text{ to } C_{12})$ alkyl acrylamides;

and mixtures thereof.

112. (New) The composition of claim 109, wherein said at least one monomer having a corresponding homopolymer having a glass transition temperature of less than or equal to 20°C is chosen from C_1 - C_{10} alkyl acrylates, wherein the alkyl is not a butyl group.

113. (New) The composition of claim 102, wherein the second block having a glass transition temperature (T_g) of less than or equal to 20°C is present in an amount ranging from 5 to 75% by weight, relative to the total weight of the linear ethylenic block polymer.

114. (New) The composition of claim 113, wherein the second block having a glass transition temperature (T_g) of less than or equal to 20°C is present in an amount ranging from 25 to 45% by weight, relative to the total weight of the linear ethylenic block polymer.

115. (New) The composition of claim 90, wherein said linear ethylenic block polymer comprises at least one first block and at least one second block, said first block having a glass transition temperature (T_g) between 20 and 40°C and said second block having a glass transition temperature of less than or equal to 20°C or a glass transition temperature of greater than or equal to 40°C , said first and second blocks being linked together via an intermediate block comprising at least one constituent monomer of the first block and at least one constituent monomer of the second block.

116. (New) The composition of claim 115, wherein the first block having a T_g between 20 and 40°C is totally or partially derived from at least one monomer having a corresponding homopolymer that has a glass transition temperature between 20 and 40°C .

117. (New) The composition of claim 115, wherein the first block having a T_g of between 20 and 40°C is a copolymer derived from at least one monomer having a corresponding homopolymer with a T_g of greater than or equal to 40°C and from at least one monomer having a corresponding homopolymer with a T_g of less than or equal to 20°C .

118. (New) The composition of claim 115, wherein the first block having a Tg between 20 and 40°C is derived from at least one monomer chosen from methyl methacrylate, isobornyl acrylate, isobornyl methacrylate, butyl acrylate, 2-ethylhexyl acrylate, and mixtures thereof.

119. (New) The composition of claim 115, wherein the first block having a Tg of between 20 and 40°C is present in an amount ranging from 10% to 85% by weight, relative to the total weight of the linear ethylenic block polymer.

120. (New) The composition of claim 119, wherein said first block having a Tg of between 20 and 40°C is present in an amount ranging from 50% to 70% by weight, relative to the total weight of the linear ethylenic block polymer.

121. (New) The composition of claim 115, wherein the second block has a Tg of greater than or equal to 40°C and is totally or partially derived from at least one monomer having a corresponding homopolymer having a glass transition temperature of greater than or equal to 40°C.

122. (New) The composition of claim 115, wherein the second block has a Tg of greater than or equal to 40°C, and is a homopolymer derived from monomers having a corresponding homopolymer having a glass transition temperature of greater than or equal to 40°C.

123. (New) The composition of claim 121, wherein said at least one monomer having a corresponding homopolymer having a glass transition temperature of greater than or equal to 40°C is chosen from the following monomers:

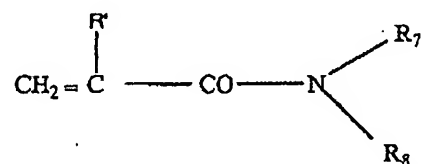
- methacrylates of formula $\text{CH}_2 = \text{C}(\text{CH}_3)\text{-COOR}_1$

in which R_1 is a linear or branched unsubstituted $\text{C}_1\text{-C}_4$ alkyl group, or is a C_4 to C_{12} cycloalkyl group;

- acrylates of formula $\text{CH}_2 = \text{CH-COOR}_2$

in which R_2 is a C_4 to C_{12} cycloalkyl group;

- (meth)acrylamides of formula:



in which R_7 and R_8 , which may be identical or different, are independently chosen from a hydrogen atom and linear or branched $\text{C}_1\text{-C}_{12}$ alkyl groups, or R_7 is hydrogen and R_8 is a 1,1-dimethyl-3-oxobutyl group; and R' denotes H or methyl; and mixtures thereof.

124. (New) The composition of claim 121, wherein said at least one monomer having a corresponding homopolymer having a glass transition temperature of at least 40°C is chosen from methyl methacrylate, isobutyl methacrylate, isobornyl (meth)acrylate, and mixtures thereof.

125. (New) The composition of claim 121, wherein the second block having a Tg of greater than or equal to 40°C is present in an amount ranging from 10% to 85% by weight, relative to the total weight of the linear ethylenic block polymer.

126. (New) The composition of claim 125, wherein the second block having a Tg of greater than or equal to 40°C is present in an amount ranging from 30% to 70% by weight, relative to the total weight of the linear ethylenic block polymer.

127. (New) The composition of claim 115, wherein the second block has a Tg of less than or equal to 20°C and is totally or partially derived from at least one monomer having a corresponding homopolymer having a glass transition temperature of less than or equal to 20°C.

128. (New) The composition of claim 115, wherein said second block has a Tg of less than or equal to 20°C and is a homopolymer derived from at least one monomer having a corresponding homopolymer that has a glass transition temperature of less than or equal to 20°C.

129. (New) The composition of claim 127, wherein said at least one monomer whose corresponding homopolymer has a glass transition temperature of less than or equal to 20°C is chosen from the following monomers:

- acrylates of formula $\text{CH}_2 = \text{CHCOOR}_3$,

wherein R_3 is a linear or branched C_1 to C_{12} unsubstituted alkyl group, with the exception of the tert-butyl group, in which at least one hetero atom chosen from O, N and S is optionally intercalated;

- methacrylates of formula $CH_2 = C(CH_3)-COOR_4$,

wherein R_4 is a linear or branched C_6 to C_{12} unsubstituted alkyl group, in which at least one hetero atom chosen from O, N and S is optionally intercalated;

- vinyl esters of formula $R_5-CO-O-CH = CH_2$

in which R_5 is a linear or branched C_4 to C_{12} alkyl group;

- vinyl alcohol;

- C_4 to C_{12} alcohol ethers;

- $N-(C_4 \text{ to } C_{12})$ alkyl acrylamides;

and mixtures thereof.

130. (New) The composition of claim 127, wherein the at least one monomer having a corresponding homopolymer with a glass transition temperature of less than or equal to 20°C is chosen from alkyl acrylates whose alkyl chain contains from 1 to 10 carbon atoms, with the exception of a tert-butyl group.

131. (New) The composition of claim 127, wherein the second block is present in an amount ranging from 20% to 90% by weight relative to the total weight of the linear ethylenic block polymer.

132. (New) The composition of claim 131, wherein the second block is present in an amount ranging from 50% to 70% by weight relative to the total weight of the linear ethylenic block polymer.

133. (New) The composition of claim 115, wherein the first block, the second block, or both the first and the second blocks of the linear ethylenic block polymer further comprise at least one additional monomer.

134. (New) The composition of claim 133, wherein the at least one additional monomer is chosen from hydrophilic monomers, ethylenically unsaturated monomers comprising at least one silicon atom, and mixtures thereof.

135. (New) The composition of claim 133, wherein the at least one additional monomer is chosen from:

- ethylenically unsaturated monomers comprising at least one carboxylic or sulfonic acid function;

- methacrylates of formula $\text{CH}_2 = \text{C}(\text{CH}_3)\text{-COOR}_6$

in which R_6 is a linear or branched $\text{C}_1\text{-C}_4$ alkyl group substituted with at least one substituent chosen from hydroxyl groups and halogen atoms;

- methacrylates of formula $\text{CH}_2 = \text{C}(\text{CH}_3)\text{-COOR}_9$,

wherein R_9 is a linear or branched C_6 to C_{12} alkyl group substituted with at least one substituent chosen from hydroxyl groups and halogen atoms and in which at least one hetero atom chosen from O, N and S is optionally intercalated;

- acrylates of formula $\text{CH}_2 = \text{CHCOOR}_{10}$,

in which R_{10} is chosen from linear or branched C_1 to C_{12} alkyl groups substituted with at least one substituent chosen from hydroxyl groups and halogen atoms; a C_1 to C_{12} alkyl-O-polyoxyethylene with 5 to 30 repeating oxyethylene units; and a polyoxyethylenated group comprising from 5 to 30 ethylene oxide units;

- ethylenically unsaturated monomers comprising at least one tertiary amine functional group;

and mixtures thereof.

136. (New) The composition of claim 133, wherein the at least one additional monomer is chosen from acrylic acid, methacrylic acid, trifluoroethyl methacrylate, and mixtures thereof.

137. (New) The composition of claim 133, wherein the at least one additional monomer is present in an amount ranging from 1 to 30% by weight of the total weight of the first and/or second blocks of the linear ethylenic block polymer.

138. (New) The composition of claim 90 wherein each of the first and second blocks of the linear ethylenic block polymer comprise at least one monomer chosen from (meth)acrylic acid esters and optionally comprise at least one monomer chosen from (meth)acrylic acid, and mixtures thereof.

139. (New) The composition of claim 90, wherein each of the first and second

blocks of the linear ethylenic block polymer is totally derived from at least one monomer chosen from acrylic acid, (meth)acrylic acid esters and optionally from at least one monomer chosen from (meth)acrylic acid, and mixtures thereof.

140. (New) The composition of claim 90, wherein the glass transition temperature of the first and second blocks of the linear ethylenic block polymer differ by greater than 10°C.

141. (New) The composition of claim 140, wherein the glass transition temperatures of the first and second blocks of the linear ethylenic block polymer differ by greater than 40°C.

142. (New) The composition of claim 90, wherein the intermediate block of the linear ethylenic block polymer has a glass transition temperature between the glass transition temperatures of the first and second blocks.

143. (New) The composition of claim 87, wherein the linear ethylenic block polymer has a polydispersity index I of greater than 2.

144. (New) The composition of claim 143 wherein the linear ethylenic block polymer has a polydispersity index I ranging from 2.8 to 6.

145. (New) The composition of claim 87, wherein the linear ethylenic block

polymer has a weight-average mass of less than or equal to 300,000.

146 . (New) The composition of claim 145, wherein the linear ethylenic block polymer has a weight-average mass ranging from 45,000 to 150,000.

147. (New) The composition of claim 87, wherein the linear ethylenic block polymer has a number-average mass of less than or equal to 70,000.

148. (New) The composition of claim 147, wherein the linear ethylenic block polymer has a number-average mass ranging from 12 000 to 50 000.

149. (New) The composition of claim 87, wherein the linear ethylenic block polymer is not soluble at an active material content of at least 1% by weight in water or in a mixture of water and linear or branched lower monoalcohols having from 2 to 5 carbon atoms, without modification of pH, at room temperature (25°C).

150. (New) The composition of claim 87, wherein the linear ethylenic block polymer is present at a dry matter or active material content ranging from 5 to 55% by weight, relative to the total weight of the composition.

151. (New) The composition of claim 150, wherein the linear ethylenic block polymer is present at a dry matter or active material content ranging from 8 to 40% by weight, relative to the total weight of the composition.

152. (New) The composition of claim 87, further comprising at least one volatile oil.

153. (New) The composition of claim 152, wherein the at least one volatile oil is chosen from hydrocarbon-based oils, silicone oils, and mixtures thereof.

154. (New) The composition of claim 152, wherein the at least one volatile oil is present in an amount ranging from 0.5% to 95% by weight, relative to the total weight of the composition.

155. (New) The composition of claim 154, wherein the at least one volatile oil is present in an amount ranging from 5% to 40% by weight, relative to the total weight of the composition.

156. (New) The composition of claim 87, further comprising at least one non-volatile oil.

157. (New) The composition of claim 156, wherein the at least one non-volatile oil is present in an amount ranging from 0.1% to 30% by weight, relative to the total weight of the composition.

158. (New) The composition of claim 157, wherein the at least one non-volatile

oil is present in a amount ranging from 0.1% to 10% by weight, relative to the total weight of the composition.

159. (New) The composition of claim 87, wherein the cosmetically acceptable organic liquid medium is present in an amount ranging from 10 to 95% by weight, relative to the total weight of the composition.

160. (New) The composition of claim 159, wherein the cosmetically acceptable organic liquid medium is present in an amount ranging from 30 to 80% by weight, relative to the total weight of the composition.

161. (New) The composition of claim 87, wherein the cosmetically acceptable organic liquid medium comprises water, or a mixture of water and a water-miscible organic solvent.

162. (New) The composition of claim 161, wherein the cosmetically acceptable organic liquid medium is present in an amount ranging from 1% to 95% by weight, relative to the total weight of the composition.

163. (New) The composition of claim 162, wherein the cosmetically acceptable organic liquid medium is present in an amount ranging from 5% to 60% by weight, relative to the total weight of the composition.

164. (New) The composition of claim 87, further comprising at least one wax.

165. (New) The composition of claim 164, wherein said at least one wax is present in an amount ranging from 1 to 50% by weight, relative to the total weight of the composition.

166. (New) The composition of claim 165, wherein said at least one wax is present in an amount ranging from 10 to 30% by weight, relative to the total weight of the composition.

167. (New) The composition of claim 87, wherein the composition is wax free.

168. (New) The composition of claim 87, further comprising at least one additional film forming polymer.

169. (New) The composition of claim 168, wherein the at least one additional film-forming polymer is in the form of an aqueous dispersion of particles of film-forming polymer.

170. (New) The composition of claim 168, wherein the at least one additional film-forming polymer is present in a dry matter content ranging from 0.1% to 60% by weight relative to the total weight of the composition.

171. (New) The composition of claim 170, wherein the at least one film-forming polymer is present in a dry matter content ranging from 1% to 30% by weight relative to the total weight of the composition.

172. (New) The composition of claim 87, further comprising at least one surfactant.

173. (New) The composition of claim 87, further comprising at least one additive chosen from dyestuffs, antioxidants, fillers, pasty fatty substances, preserving agents, fragrances, neutralizers, thickeners, vitamins, coalescers, plasticizers, and mixtures thereof.

174. (New) The composition of claim 87, wherein the composition is a mascara.

175. (New) The composition of claim 87, wherein the composition has a dry matter content of greater than or equal to 46%.

176. (New) The composition of claim 175, wherein the composition has a dry matter content ranging from 50% to 70%.

177. (New) A cosmetic process for the making up or non-therapeutic care of keratin fibers, comprising applying to said keratin fibers a composition comprising a cosmetically acceptable organic liquid medium and a film-forming linear ethylenic block

polymer, and having a dry matter or dry extract content of at least 45% by weight.

178. (New) A cosmetic process for obtaining a makeup for keratin fibers which is a charging makeup and/or has good staying power, comprising applying to said keratin fibers a composition comprising a cosmetically acceptable organic liquid medium and a film-forming linear ethylenic block polymer, and having a dry matter or dry extract content of at least 45% by weight.

179. (New) A cosmetic process according to claim 178, wherein said keratin fibers are eyelashes.

180. (New) A cosmetic process for obtaining a composition which is easy to apply to keratin fibers and/or for obtaining a makeup for keratin fibers which is a charging makeup and/or has good staying power, said process comprising applying to said keratin fibers a cosmetic composition comprising a cosmetically acceptable organic liquid medium and a film-forming linear ethylenic block polymer which is free of styrene, and having a dry matter or dry extract content of at least 45% by weight.

181. (New) A cosmetic assembly comprising:

- i) a container delimiting at least one compartment, said container being closed by a closing member; and
- ii) a composition for coating keratin fibers placed inside the said compartment, said composition comprising a cosmetically acceptable organic liquid

medium and a film-forming linear ethylenic block polymer, wherein said composition has a dry matter or dry extract content of at least 45% by weight.

182. (New) The cosmetic assembly of claim 181, wherein the container comprises at least one thermoplastic material.

183. (New) The cosmetic assembly of claim 181, wherein the container comprises at least one non thermoplastic material

184. (New) The cosmetic assembly of claim 183, wherein said non thermoplastic material is chosen from glass or metal.

185. (New) The cosmetic assembly of claim 181, wherein when the container is in the closed position, the closing member is screwed onto the container.

186. (New) The cosmetic assembly of claim 181, wherein when the container is in the closed position, the closing member is coupled to the container other than by screwing.

187. (New) The cosmetic assembly of claim 186, wherein the closing member is coupled to the container via click fastening.

188. (New) The cosmetic assembly according to claim 181, further comprising

an applicator in the form of a twisted brush comprising a plurality of bristles trapped in a twisted core.

189. (New) The cosmetic assembly of claim 181, wherein the applicator is different from a twisted brush.